



# MoU for setting up country's 1st Hydrogen Fuel Industry in Jamshedpur

## Why is News?

According to information received from the media on August 24, 2023, on the initiative of Jharkhand Chief Minister Hemant Soren, an MoU will be signed between the Department of Industries and TCPL Green Energy Solution Pvt. Ltd. (TGESPL) for the establishment of the country's first Hydrogen Fuel Industry at Jamshedpur, Jharkhand.

## Key Points:

- The proposed capacity of the fuel related industry is 4000 plus hydrogen ice engines, fuel agnostic engines and 10,000 plus battery systems.
- It is known that on July 28, Chief Minister Hemant Soren approved MoU between TGESPL and State Governments Industries Department for setting up of Hydrogen Internal Complutation Engine, Flight Agnostic Engine, Advanced Chemistry Battery, H<sub>2</sub> Fuel Cell and H<sub>2</sub> Fuel Delivery System Manufacturing Unit at Jamshedpur by M/s Tata Motors & M/s Cummins Inc., USA.
- In this work, the latest technology of making hydrogen engine will be used. The capacity of hydrogen is more than that of other fuels. Besides being cheaper and lighter than other fuels, hydrogen fuel also has a higher energy label.
- The whole country will benefit from the hydrogen fuel plant to be built in Jamshedpur.

